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Result
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-DB-Issued_Patents_NA -QFMT-fastap_SUFFIX-rni -MINNATCH-0.1 -LOOPCL-0
-LOOPEXT=0 -UNITS-bits -STRAT=1 -END-1 -MATRIX-blosum62 -TRANS-human40.cdi
-LIST-45 -DOCALIGN-200 -THR_SCORE-pct -THR_MAX-100 -THR_MIN=0 -ALIGN-15
-MODE-LOCAL -OUTFMT-pto -NORM-ext -HEAPSIZE-500 -MINLEN-0 -MAXLEN-200000000
-USER-US09649108_GCGN_1 _125_grunat_12012003_101121_13898 -NCPU-6 -ICPU-3
-NO_XLPXY -NO_MMAP -LARGEQUERY -NEG_SCORES-0 -MAIT -LONGLOG -DEV_TIMEOUT=120
-MARN_TIMEOUT=30 -THREADS-1 -XGAPOP-10 -XGAPEXI-0.5 -FGAPOP-6 -FGAPEXI-7
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-MODEL=frame+_p2n.model -DEV=xlh
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ALIGNMENTS

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                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/1 PRIOR APPLICATION NUMBER: 2000-02-18
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PRIOR APPLICATION NUMBER: 60/
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TYPE: DNA
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GENERAL INFORMATION:

APPLICANT: Green et al

TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and

TITLE OF INVENTION: Polypeptides Encoded Thereby

FILE REFERENCE: 15966-562 (CURA-62)

CURRENT APPLICATION NUMBER: US/09/551,200

CURRENT FILING DATE: 2000-08-30

PRIOR FILING DATE: 1999-09-03

PRIOR APPLICATION NUMBER: 60/152383

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NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2
SEQ ID NO 5
LENGTH: 2229
TYPE: DNA
ORGANISM: Homo sapiens
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CTGCTGGTGGCCCTGGCTTTCGTGTGCTGGAGAAAGATCAAACAGAGCTGTGAGGAGGAG
                              LeuGlyValAlaLeuThrPheIlePheArgLeuArgLysGlyArgMetMetAspValLys
                                                                   LeuAlaHisProProAsnGluArgThrHisLeuValIleLeuGlyAlaIleLeuLeuCys
                                                                                                                                   GTGCGCAACCCCGTGCTGCAGCAGGATGCGCACGGCTCTGTCACCATCACAGGGCAGCCT
                                                                                                                                                                     PheArgArgLeuAspProGluGluAsnHisThrAlaGluLeuValIleProGluLeuPro
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GenCore version 5.1.3 (c) 1993 - 2003 Compu

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Perfect score:
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        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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1: /cgn2_6/ptodata/2,

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Listing first 45 summaries
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           Sequence 6, Appli
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Sequence 23, Appli
Sequence 39, Appli
Sequence 392, Appli
Sequence 19, Appli
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Sequence 25, Appli
Sequence 31, Appli
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Sequence 4, Appli
Sequence 17, Appli
Sequence 2, Appli
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45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28
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`	Sequence 23, App.	Sequence 2, Appl	Sequence 2, Appl:	Sequence 2, Appl	Sequence 2, Appl:	Sequence 2, Appl		19,	Sequence 13, Appl	Sequence 2, Appli		Sequence 19, App.	Sequence 19, App.	Sequence 2, Appl:	Sequence 29, App.	Sequence 29, App.	Sequence 2, Appl:
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ALIGNMENTS

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; SOFTWARE: PatentIn Ver.
; SEQ ID NO 6
; LENGTH: 534
; TYPE: PRT
; ORCANISM: Homo sapiens
US-09-651-200-6
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TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B
TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and
TITLE OF INVENTION: Polypeptides Encoded Thereby
FILE REFERENCE: 15966-562 (CURA-62)
CURRENT APPLICATION UNMBER: US/09/651,200
CURRENT FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/152383
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: 60/172909
PRIOR APPLICATION NUMBER: 60/172909
PRIOR APPLICATION NUMBER: 60/172909
PRIOR APPLICATION NUMBER: 60/172909
PRIOR FILING DATE: 1999-12-21
PRIOR FILING DATE: 1999-12-21
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NUMBER OF SEQ ID NOS: 25
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49; Mismatches 123;
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PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 60/182383
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                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Applicat Patent No. 6429303 GENERAL INFORMATION:
TITLE OF INVENTION: Polynucleotides Encoding Members of the Human TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and TITLE OF INVENTION: Polypeptides Encoded Thereby FILE REFERENCE: 15966-562 (CURA-62) CURRENT APPLICATION NUMBER: US/09/651,200 CURRENT FILING DATE: 2000-08-30 PRIOR APPLICATION NUMBER: 60/152383 PRIOR APPLICATION NUMBER: 60/172909 PRIOR FILING DATE: 1999-09-03 PRIOR FILING DATE: 1999-10-21 PRIOR APPLICATION NUMBER: 60/172909 PRIOR APPLICATION NUMBER: 60/172909 PRIOR FILING DATE: 1999-10-21 PRIOR APPLICATION NUMBER: 60/183578 PRIOR FILING DATE: 1990-10-21
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TYPE: PRT
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-651-200-2
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SEQ ID NO 4
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VTSEHELTCQA-EGYPKAEVIWTSSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNE 176
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Perfect score:
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BG
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         seq length: 0 seq length: 2000000000
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1: /cgn2_6/ptodata/2,

2: /cgn2_6/ptodata/2,

3: /cgn2_6/ptodata/2,

4: /cgn2_6/ptodata/2,

5: /cgn2_6/ptodata/2,

6: /cgn2_6/ptodata/2,
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Gapop 10.0 ,
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         262574 seqs, 29422922 residues
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Copyright (c) 1993 - 2003 Compugen Ltd
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/backfiles1.pep:*
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   US-09-651-200-6
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US-09-404-879A-393
US-09-404-879A-392
US-09-651-200-14
US-08-101-624-25
US-08-101-624-25
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US-08-101-624-31
US-08-101-624-31
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US-08-101-624-33
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Sequence 6, Appli
Sequence 2, Appli
Sequence 3, Appli
Sequence 392, Appli
Sequence 392, Appli
Sequence 14, Appli
Sequence 14, Appli
Sequence 25, Appli
Sequence 25, Appli
Sequence 4, Appli
Sequence 31, Appli
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Sequence 4, Appli
Sequence 4, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 2, Appli
Sequence 29, Appli
Sequence 21, Appli
Sequence 21, Appli
Sequence 21, Appli
Sequence 21, Appli
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RESULT 2 US-09-651-200-24 ; Sequence 24, A

Sequence 24, Application US/09651200

QY 177 IFYCTERRLDEEENHTAELVIDELPLAHPP 206	Qy 118 VTSEHELTCQA-EGYPKAEVIWTSSDHQVLSGKTTTT	Qy 64 SLGNAALQITDVKLQDAGVYRCMISYGGADYKRITVKVNAPYNK : : : :: : : : : :: : Db 319 AQGNASLRLQRVRVADEGSFTCFVSIRDFGSAAVSLQVAAPYSK	Qy 4 GSNMTIECKFPVEKQLDLAALIVYWEMEDKNIIQFVHG :: : : ::	Query Match 24.2%; Score 265. Best Local Similarity 31.0%; Pred. No. Matches 65; Conservative 38; Mismatc	RESULT 1 US-09-651-200-6 Sequence 6, Application US/09651200 Patent No. 6429303 GENERAL INFORMATION: APPLICANT: Green et al TITLE OF INVENTION: Lymphocyte Activation TITLE OF INVENTION: Polyncleotides Encod TITLE OF INVENTION: Polypeptides Encoded FILE REFERENCE: 15966-562 (CURA-62) CURRENT APPLICATION NUMBER: US/99/651,200 CURRENT FILING DATE: 2000-08-30 PRIOR APPLICATION NUMBER: 60/152383 PRIOR FILING DATE: 1999-09-03 PRIOR FILING DATE: 1999-10-21 PRIOR APPLICATION NUMBER: 60/172909 PRIOR APPLICATION NUMBER: 60/172909 PRIOR FILING DATE: 2000-02-18 PRIOR FILING DATE: 2000-02-18 VOMBER OF SEQ ID NOS: 25 SOFTWARE: Patentin Ver. 2.0 LENGTH: 534 TYPE: PRT ORGANISM: Homo sapiens	ALIGNMENT	28 155 14.1 288 4 US-09-651-2 29 155 14.1 288 5 PCT-US95-02 30 154.5 14.1 329 4 US-09-651-2 30 153.5 14.0 208 3 US-08-630-1 31 153.5 14.0 208 4 US-09-365-2 33 151.5 13.8 208 4 US-09-460-3 34 151.5 13.8 306 4 US-09-171-9 35 151 13.8 306 4 US-09-651-2 36 151 13.8 306 4 US-09-651-2 37 151 13.8 306 5 PCT-US95-02 38 151 13.8 320 4 US-08-205-6 40 151 13.8 320 4 US-09-651-2 39 151 13.8 320 4 US-09-651-2 40 151 13.8 320 4 US-09-651-2 41 151 13.8 320 4 US-09-651-2 42 151 13.8 320 5 PCT-US95-02 43 144.5 13.2 299 4 US-09-651-2 44 144.5 13.2 589 2 US-08-724-3 45 140.5 12.8 292 4 US-09-651-2
	TTINSKREEKLENVISTLRINTTINE 176 : : : : TTSQMANEQGLEDVHSVLRVVLGANG 434	YKRITVKVNAPYNKINQRILVVDP 117 ::: : SAAVSLQVAAPYSKPSMTLEPNKDLRPGDT 378	QFVHGEEDLKVQHSSYRQRARLLKDQL 63 : : : QLVHSFTEGRDQGSAYANRTALFPDLL 318	5; DB 4; Length 534; 4.5e-20; hes 94; Indels 13; Gaps	ding Members of the Human B n Antigen B-7 Family and Thereby	TS	200-13 Sequence 13, Appl 02576-19 Sequence 19, Appl -200-19 Sequence 19, Appl -172-15 Sequence 15, Appl -172-15 Sequence 15, Appl -343-17 Sequence 17, Appl -525-2 Sequence 17, Appl -200-18 Sequence 2, Appli -525-2 Sequence 2, Appli -526-2 Sequence 18, Appli -520-18 Sequence 11, Appli -520-16

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APPLICANT: Green et al
TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B
TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and
TITLE OF INVENTION: Polypeptides Encoded Thereby
FILE REFERENCE: 15966-562 (CURA-62)
CURRENT APPLICATION NUMBER: 009/651,200
CURRENT FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/152383
PRIOR FILING DATE: 1999-09-03
PRIOR FILING DATE: 1999-12-21
PRIOR FILING DATE: 1999-12-21
PRIOR FILING DATE: 1999-12-21
PRIOR FILING DATE: 1999-12-21
PRIOR FILING DATE: 2000-02-18
NUMBER OF SEO ID NOS: 25
SOFTWARE: Patentin Ver. 2.0
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OTHER INFORMATION: Description of Unknown Organism: Sequence
OTHER INFORMATION: mz5020.protein from Figure 4.
US-09-651-200-24
                                                                         SOFTWARE:
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APPLICANT: Green e
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 24
LENGTH: 534
                                                                                                                                                  TITLE OF INVENTION: Polynucleotides Encoding Members of the Human TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and TITLE OF INVENTION: Polypeptides Encoded Thereby FILE REFERENCE: 15966-562 (CURA-62) CURRENT APPLICATION NUMBER: US/09/651,200 CURRENT FILING DATE: 2000-08-30 PRIOR APPLICATION NUMBER: 60/152383 PRIOR FILING DATE: 1999-09-03 PRIOR FILING DATE: 1999-09-03 PRIOR FILING DATE: 1999-12-21 PRIOR APPLICATION NUMBER: 60/183578 PRIOR FILING DATE: 2000-02-18
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                                                                                                                               NUMBER OF SEQ ID NOS:
ORGANISM: Homo sapiens
                                                      LENGTH: 340
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    435 TYSCLVRNPVLQQDAHGSVTITGQPMTFPP 464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        177 IFYCTFRRLDPEENHTAELVIPELPLAHPP 206
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       261 GTDATLRCSFSPEPGFSLAQLNLIWQLTDTK--QLVHSFTEGRDQGSAYANRTALFPDLL 318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 64 SLGNAALQITDVKLQDAGVYRCMISYGGADYKRITVKVNAPYNK-----INQRILVVDP 117
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                                                                                                         PatentIn Ver.
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Pred. No. 4.5e-
18; Mismatches
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TITLE OF INVENTION: Polynucleotides Encoding Members of the Human B TITLE OF INVENTION: Lymphocyte Activation Antigen B-7 Family and TITLE OF INVENTION: Polypeptides Encoded Thereby
FILE REFERENCE: 15966-562 (CURA-62)
CURRENT APPLICATION NUMBER: US/09/651,200
CURRENT FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/152383
PRIOR FILING DATE: 1999-09-03
PRIOR FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 60/172909
PRIOR APPLICATION NUMBER: 60/172909
PRIOR FILING DATE: 1999-12-21
PRIOR APPLICATION NUMBER: 60/183578
PRIOR FILING DATE: 2000-02-18
NUMBER OF SEQ ID NOS: 25
SCOTUMARE: Patentin Ver. 2.0
RESULT 5
US-09-404-879A-393
; Sequence 393, Application US/09404879A
; Patent No. 6468546
; GENERAL INFORMATION:
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LENGTH: 44
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Best Local Similarity
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                                                                                                                                                                                                                                          IFYCTFRRLDPEENHTAELVIPELPLAHPP 206
                                                                                                                                                                                                                                                                                                                                                   VTSEHELTCQA-EGYPKAEVIWTSSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNE 176
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-DB-Published_Applications_NA -QFMT-fastap_SUFFIX-rnpb -MINMATCH=0.1
-LOOPEL-0 -LOOPEXT-0 -UNITS-bits -STAT=1 -END=-1 -MATRIX-blosum62
-TRAMS-human40.cdi -LIST-45 -DOCALICN=200 -THR_SCORE-pct -THR_MXX-100
-THR_MIN-0 -ALIGN-15 -MODE-LOCAL -OUTFMT-pto -NORM-ext -HEAPSIZE=500 -MINLEN-0
-MAXIEN=200000000 -USER-US09649108_@CGN 1_1_33_@runat_12012003_101123_13963
-NCPU-6 -ICPU-3 -NO_XLRXY -NO_MMAP -LARGEQUERY -NEG_SCORES-0 -WAIT -LONGLOG
-DEV_TIMEOUT-120 -WARN_TIMEOUT-30 -THREADS-1 -XGAPEXT-0.5 -FGAPOP-6
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/cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
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ALIGNMENTS

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Percent Similarity:
Best Local Similarity:
                                                             Alignment Scores: Pred. No.:
                                                                                                                       ; TYPE: DNA; Homo sapiens US-09-910-174A-22
                                                                                                                                                                                     SOFTWARE: FastSEQ
SEQ ID NO 22
LENGTH: 873
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APPLICANT: Fraser, Christopher C.
APPLICANT: Manning, Stephen
TITLE OF INVENTION: B7-H2 Molecules,
TITLE OF INVENTION: Family and Uses
FILE REFERENCE: 35800/236624
                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 09/620,461
PRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSEQ for Windows Version 4.0
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GENERAL INFORMATION:
APPLICANT; GORDON Freeman
APPLICANT: Vassiliki Boussic
APPLICANT: Tatyana Chernova
                       Sequence 3, Application US, Patent No. US20020102651A1
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CURRENT APPLICATION NUMBER: US/10/002,775
CURRENT FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: US 09/644,934
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: 60/150,390
PRIOR FILING DATE: 1999-08-23
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 1553
TYPE: DNA
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TITLE OF INVENTION: NOVEL P
FILE REFERENCE: GNN-004ADV
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CURRENT FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/272,107
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 60/209,811
PRIOR FILING DATE: 2000-06-06
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APPLICANT: PEACH, ROBERT
TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS
TITLE OF INVENTION: IMMUNOMODULATION
FILE REFERENCE: 3053-4071US2
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tent No. US20020095024A1
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                                              AspLysAsnIleIleGlnPheValHisGlyGluGluAspLeuLysValGlnHisSerSer
                                                                                                           LysPheProValGluLysGlnLeuAspLeuAlaAlaLeuIleValTyrTrpGluMetGlu
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                                                                                           AAATTCCCAGTAGAAAAACAATTAGACCTGGCTGCACTAATTGTCTATTGGGAAATGGAG
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      CURRENT FILING DATE: 1998-12-30
PRIOR FILING DATE: 1998-12-30
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PRIOR PPLICATION NUMBER: 09/223,
PRIOR APPLICATION NUMBER: 09/223,
PRIOR APPLICATION NUMBER: 09/224,
PRIOR APPLICATION NUMBER: 09/324,
PRIOR APPLICATION NUMBER: 09/312,
PRIOR FILING DATE: 1998-12-30
PRIOR PRIOR DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/336,
PRIOR APPLICATION NUMBER: 09/336,
PRIOR APPLICATION NUMBER: 09/336,
PRIOR FILING DATE: 1999-06-18
PRIOR APPLICATION NUMBER: 09/342,
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 09/474,
PRIOR FILING DATE: 1999-12-23
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NUMBER OF SEQ ID N
SEQ ID NO 41
LENGTH: 3575
TYPE: DNA
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OR APPLICATION NUMBER: 09/59
OR FILING DATE: 2000-06-12
OR APPLICATION NUMBER: 09/59
OR FILING DATE: 2000-06-22
OR APPLICATION NUMBER: 09/60
OR FILING DATE: 2000-06-29
OR APPLICATION NUMBER: 09/63
OR FILING DATE: 1999-07-30
OR APPLICATION NUMBER: 09/63
OR FILING DATE: 1990-07-31
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NUMBER OF SEQ ID NOS: 94
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 3600
TYPE: DNA
ORGANISM: Homo sapiens
US-09-875-338-3
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APPLICANT: MIKESELL, GLEN E.
APPLICANT: CHANG, HAN
APPLICANT: FINGER, JOSHUA N.
APPLICANT: YANG, GUCHEN
APPLICANT: LU, PIN
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APPLICANT: PEACH, ROBERT
TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS
TITLE OF INVENTION: IMMUNOMODULATION
FILE REFERENCE: 3053-4071US2
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APPLICANT: Vassiliki Boussiotis
APPLICANT: Vassiliki Boussiotis
APPLICANT: Vassiliki Boussiotis
APPLICANT: Vatyana Chernova
APPLICANT: Nelly Malenkovich
TITLE OF INVENTION: NOVEL B7-4 MOLECULES AND USES THEREFOR
FILE REFERENCE: GNN-004ADV
CURRENT APPLICATION NUMBER: US/10/002,775
CURRENT FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: US 09/644,934
PRIOR APPLICATION NUMBER: US 09/644,934
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: 60/150,390
PRIOR FILING DATE: 1999-08-23
NUMBER OF SEO ID NOS: 11
SOFTWARE: Patentin Ver. 2.0
SEO ID NO 1
LENGTH: 968
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (59)..(793)
US-10-002-775-1
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Best Local Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score:
                                                                Sequence 4, Application US/09875338
Patent No. US2002095024A1
GENERAL INFORMATION:
APPLICANT: MIKESELL, GLEN E.
APPLICANT: CHANG, HAN
                                       APPLICANT:
APPLICANT:
APPLICANT:
      APPLICANT: LU, PIN
APPLICANT: ZHOU, XIA-DI
APPLICANT: PEACH, ROBERT
TITLE OF INVENTION: B7-RELATED NUCLEIC
TITLE OF INVENTION: IMMUNOMODULATION
FILE
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REFERENCE: 3053-4071US2
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                                               CHANG, HAN
FINGER, JOSHUA
YANG, GUCHEN
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; OTHER INFORMATION:
US-09-875-338-4
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LENGTH: 1443
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PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 60/209,811
PRIOR FILING DATE: 2000-06-06
NUMBER OF SEQ ID NOS: 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Ver. 2.1
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CURRENT FILING DATE: 2001-06-06
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SEQ ID NO 10
LENGTH: 3593
TYPE: DNA
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APPLICANT: Nelly Malenkovich
TITLE OF INVENTION: NOVEL B7-4 MOLECULES AND
FILE REFERENCE: GON-004ADV
CURRENT APPLICATION NUMBER: US/10/002,775
CURRENT FILING DATE: 2001-11-02
PRIOR FILING DATE: 2000-08-23
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PRIOR FILING DATE: 2000-08-23
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APPLICANT: Vassil
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                                                  ProLysAlaGluValIleTrpThrSerSerAspHisGlnValLeuSerGlyLysThrThr
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ThrThrAsnSerLysArgGluGluLysLeuPheAsnValThrSerThrLeuArgIleAsn
                                  CCAGAAGCTGAGGTAATCTGGACAAACAGTGACCACCCAACCCGTGAGTGGGAAGAGAAGT
                                                                                                IleLeuValValAspProValThrSerGluHisGluLeuThrCysGlnAlaGluGlyTyr
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TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC,
TITLE OF INVENTION: PREVENTIVE, THERAPEUTIC, AND OTHER USES
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                  NUMBER OF SEQ
SEQ ID NO 43
LENGTH: 891
TYPE: DNA
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PRIOR FILING DATE: 1998-12-30
PRIOR APPLICATION NUMBER: 09/223,546
PRIOR FILING DATE: 1998-12-30
PRIOR FILING DATE: 1998-12-30
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      ORGANISM: Mus
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OR FILING DATE: 1998-12-30

OR APPLICATION NUMBER: 09/312,359

OR FILING DATE: 1999-05-14

OR APPLICATION NUMBER: 09/336,536

OR FILING DATE: 1999-06-18

OR APPLICATION NUMBER: 09/342,687

OR APPLICATION NUMBER: 09/349,723

OR FILING DATE: 1999-06-29

OR APPLICATION NUMBER: 09/471,179

OR APPLICATION NUMBER: 09/474,071

OR FILING DATE: 1999-12-29

OR APPLICATION NUMBER: 09/474,071

OR FILING DATE: 1999-12-29

OR APPLICATION NUMBER: 09/474,072

OR APPLICATION NUMBER: 09/572,002

OR APPLICATION NUMBER: 09/572,002

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R FILING DATE: 2000-06-29
OR APPLICATION NUMBER: 09/36
OR FILING DATE: 1999-07-30
OR APPLICATION NUMBER: 09/63
OR FILING DATE: 2000-07-31
OR APPLICATION NUMBER: 09/66
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                                                                                          ACTCACTGGGTTCTGGGATCCATCCTGTTGTTCCTCATTGTAGTGTCCACGGTCCTC
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APPLICANT: Aglate, Paul A.
APPLICANT: Jones, Robert
APPLICANT: Harlocker, Susan L.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THE
TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.497
CURRENT APPLICATION NUMBER: US/09/867,701
CURRENT FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 10912
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10728
ENCTH: 464
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Sequence 2957, Application

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GENERAL INFORMATION:
APPLICANT: Aglate, Paul A.
APPLICANT: Jones, Robert
APPLICANT: Harlocker, Susan L.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.497
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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Percent Similarity:
Best Local Similarity:
Query Match:
; ORGANISM: Homo sapien US-09-867-701-3638
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                                                                                          GENERAL INFORMATION:
APPLICANT: Aglate, Paul A.
APPLICANT: Jones, Robert
APPLICANT: Harlocker, Susan L.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.497
CURRENT APPLICATION NUMBER: US/09/867,701
CURRENT FILING DATE: 2001-05-29
                                      NUMBER OF SEQ ID NOS: 10912
SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 3638
LENGTH: 442
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NUMBER OF SEQ ID NOS: 10912
SOFTWARE: FastSEQ for Windows Version SEQ ID NO 2957
LENGTH: 497
TYPE: DNA
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                            TYPE: DNA
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CURRENT APPLICATION NUMBER: US/09/875,338

CURRENT FILING DATE: 2001-06-06

PRIOR APPLICATION NUMBER: 60/272,107

PRIOR FILING DATE: 2001-02-28

PRIOR APPLICATION NUMBER: 60/209,811

PRIOR FILING DATE: 2000-06-06

NUMBER OF SEQ ID NOS: 94

SOFTWARE: PATENTIN VET. 2.1

SEQ ID NO 18

LENGTH: 666
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                                Percent Similarity:
Best Local Similarity:
Query Match:
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  US-09-649-108-1
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Best Local Similari
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                                                                                                                                                                                                                                                                   APPLICANT: ZHOU, XIA-DI
APPLICANT: PEACH, ROBERT
TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS
TITLE OF INVENTION: IMMUNOMODULATION
FILE REFERENCE: 3053-4071US2
                                                                                                                                                                                                                                                                                                                             APPLICANT:
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APPLICANT: CHANG, H
APPLICANT: FINGER,
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FINGER, JOSHUA N.
  (1-290)
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x US-09-875-338-18 (1-666)
                                 Conservative: Mismatches: Indels:
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Query Match:
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                                                                                                 US-09-649-108-1 (1-290) x US-09-896-913A-3 (1-819)
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                                                                                                                                                                                        Pred. No.
                                                                                                                                                                                                     Alignment Scores
                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 12
SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 3
LENGTH: 819
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/896,913A CURRENT FILING DATE: 2002-04-15 PRIOR APPLICATION NUMBER: 60/214,563 PRIOR FILING DATE: 2000-06-28 PRIOR APPLICATION NUMBER: 60/270,822 PRIOR FILING DATE: 2001-02-23 PRIOR APPLICATION NUMBER: 60/271,114 PRIOR PILING DATE: 2001-02-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Freeman, Gordon
APPLICANT: Chernova, Irene
APPLICANT: Chernova, Tatyana
APPLICANT: Malenkovich, Nelly
APPLICANT: Malenkovich, Nelly
APPLICANT: Wood, Clive
TITLE OF INVENTION: PD-L2 MOLECULES: NOVEL PD-1 LIGANDS
TITLE OF INVENTION: USES THEREFOR
FILE REFERENCE: GNN-026A
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                                                            PheThrValThrValProLysAspLeuTyrValValGluTyrGlySerAsnMetThrIle
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FEATURE:

NAME/KEY: CDS

LOCATION: (1)..(819)

OTHER INFORMATION:

US-09-794-210-1
                                                                                                            APPLICANT: PARDOLL, Drew
APPLICANT: TSUCHIYA, Haruo
APPLICANT: GORSKI, Kevin
APPLICANT: TSENG, Su-Yi
TIFLE OF INVENTION: NEW DENDRITIC CELL CO-STIMULATORY MOI
FILE REFERENCE: 2240-169345
CURRENT APPLICATION UMBER: US/09/794,210
CURRENT FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 819
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                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/09794210 Patent No. US20020091246Al GENERAL INFORMATION:
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                                                                               TYPE: DNA
ORGANISM: Homo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AlaAlaLeuGlnIleThrAspValLysLeuGlnAspAlaGlyValTyrArgCysMetIle 116
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                                                                                      AlaLeuThrPheIlePheArgLeuArgLysGlyArgMetMet-AspValLysLysCysGl 273
                                                                                                                           GAACCCAGGACCCATCCAACTTGGCTGCTTCACATTTTCATCCCCTCCTGCATC - - - ATT
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                                                            GCTTTCATTTCATAGCCACAGTGATAGCCCTAAGAAAACAACTCTGTCAAAAGCTGTAT 756
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                                                                                                                                                                                                                                                                                                                       AGCGTTCCTGCCAACACCAGCCACTCCAGGACCCCTGAAGGCCTCTACCAGGTCACCAGT
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TCTTCAAAAGACACAACAAAAAGACCTGTCA
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Copyright (c) 1993 - 2003 Compugen Ltd
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5	1356	100.0	290	10	US-09-796-
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7	1356	100.0	290	10	US-09-910-174A-8
00	1356	100.0	290	10	US-09-955-866-6
9	1356	100.0	290	10	US-09-895-837-12
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11	1104	81.4	220	9	US-09-915-789A-23
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14	1029	75.9	245	12	US-10-002-775-
15	952	70.2	290	9	US-10-068-215-23
16	952	70.2	290	9	US-09-896-913A-11
17	952	70.2	290	10	US-09-794-210-16
1 8	952	70.2	. 290	10	US-09-910-174A-32
Ę	756	/0.2	290	10	US-09-895-837-11

Query Match Best Local

7 Match 100.0%; Score 1356; DB 9; Local Similarity 100.0%; Pred. No. 1e-94; nes 261; Conservative 0; Mismatches 0;

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Matches

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ALIGNMENTS	US-09-978-189-137 US-09-789-561-135	US-09-790-622-4	US-09-978-192A-137	-697-	US-09-896-738-14	5-338-1	US-09-875-338-7	-85	137-5	US-09-910-174A-31	210-	-858-	US-09-896-913A-5	-338-	US-09-895-837-2	US-09-955-866-2	US-09-910-174A-2	US-09-875-338-15	US-09-794-210-2	US-09-896-913A-2	US-09-955-866-3	-09-796-858-	US-10-002-775-11	
•	137 e 13	Sequence 137, Appli	137,	137	Sequence 14, Appl	e 13,	7, 1	11,	5 !	<u>س</u>		4	v	17,	ν,	2	2	15	e 2	2,	3, ~	44	Sequence 11, Appl	

; ORGANISM: Homo sapiens US-10-068-215-4 SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 4 LENGTH: 290 GENERAL INFORMATION: APPLICANT: Clive Wood APPLICANT: Gordon Freeman TITLE OF INVENTION: PD-1, A Receptor For B7-4, and Uses Therefor FILE REFERENCE: GNN-004B Sequence 4, Application US/10068215 Patent No. US20020160000A1 CURRENT FILING DATE: 2002-02-06 PRIOR APPLICATION NUMBER: 09/645,069 PRIOR FILING DATE: 2000-08-23 PRIOR FILING DATE: PRIOR APPLICATION NUMBER: 60/164,897 PRIOR APPLICATION NUMBER: 60/150,390 PRIOR FILING DATE: 1999-8-23 CURRENT APPLICATION NUMBER: US/10/068,215 NUMBER OF SEQ ID NOS: TYPE: PRT 1999-11-10 23

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APPLICANT: Chernova, Irene
APPLICANT: Chernova, Tatyana
APPLICANT: Malenkovich, Nelly
APPLICANT: Malenkovich, Nelly
APPLICANT: Wood, Clive
TITLE OF INVENTION: DD-L2 MOLECULES: NOVEL PD-1 LIGANDS AND
TITLE OF INVENTION: USES THEREFOR
FILE REFERENCE: GNN-026A
CURRENT APPLICATION NUMBER: US/09/896,913A
CURRENT FILING DATE: 2002-04-15
PRIOR APPLICATION NUMBER: 60/214,563
PRIOR FILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: 60/270,822
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APPLICANT: Freeman, Gordon
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"RRENT FILING DATE: 2001-06-29
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Patent No. US20020168762A1
GENERAL INFORMATION:
APPLICANT: Chen, Lieping
TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
TITLE OF INVENTION: MOLECULES
FILE REFERENCE: 07039-219901
CURRENT APPLICATION NUMBER: US/09/915,789A
CURRENT FILING DATE: 2002-06-04
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SOFTWARE: FRASTSEQ for Windows Version
SEQ ID NO 12
LENGTH: 290
TYPE: PRT
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SEQ ID NO 17
LENCTH: 290
TYPE: PRT
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Best Local Similarity
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PRIOR FILING DATE: 2000-07-27
NUMBER OF SEQ ID NOS: 23
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PRIOR APPLICATION NUMBER: 60/271,114
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PRIOR FILING DATE: 1998-12-30
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PRIOR FILING DATE: 1998-12-30
PRIOR PRIOR FILING DATE: 1999-05-14
PRIOR FILING DATE: 1999-06-18
PRIOR FILING DATE: 1999-06-29
PRIOR FILING DATE: 1999-06-29
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Best Local Similarity
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CURRENT FILING DATE: 2001-03-01
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APPLICATION NUMBER: 09/
FILING DATE: 2000-06-12
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Pred. No. 1e-94;
Pred. No. 1e-94;
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US-09-875-338-2
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Sequence 8, Application US/09910174A Patent No. US20020106730A1 GENERAL INFORMATION: APPLICANT: Coyle, Anthony J.
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Best Local Similarity 100.0%;
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LENGTH: 290
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CURRENT FILLING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/272,107
PRIOR FILLING DATE: 2001-02-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/209,811 PRIOR FILING DATE: 2000-06-06 NUMBER OF SEQ ID NOS: 94
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TYPE: PRT
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YANG, GUCHEN
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APPLICANT: Fraser, Christopner ...
APPLICANT: Manning, Stephen
TITLE OF INVENTION: B7-H2 Molecules, No. US20020106730Alel Members of (
TITLE OF INVENTION: Family and Uses Thereof
FILE REFERENCE: 35800/236924
CURRENT APPLICATION NUMBER: US/09/910,174A
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 09/620,461
PRIOR APPLICATION NUMBER: US 09/620,461
PRIOR APPLICATION NUMBER: US 09/620,461
PRIOR FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 32
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 8
LENGTH: 290
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PRIOR FILING DATE: 2000-09-20
NUMBER OF SEO ID NOS: 30
SOFTWARE: PatentIn Ver. 2.0
SEO ID NO 6
LENGTH: 290
TYPE: PRT
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"PLICANT: Fox, Michael
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Best Local !
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Best Local
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PLICANT: Holst, Paige
APPLICANT: Yoshinaga, Steven Kiyoshi
TITLE OF INVENTION: B7-Like Polypeptides and Uses
FILE REFERENCE: 00,759-A
                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/955,866
CURRENT FILING DATE: 2001-09-19
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Pred. No. 1e-94;
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APPLICANT: Chernova, Irene
APPLICANT: Chernova, Tatyan
APPLICANT: Malenkovich, Nel
APPLICANT: Wood, Clive
APPLICANT: Latchman, Yvette
APPLICANT: Sharpe, Arlene H
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PRIOR FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FASTSEQ for Windows Versio
SEQ ID NO 12
                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 261; Conserv
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TITLE OF INVENTION: PD-12 MOLECULES: NOVEL PD-1 LIGANDS AND
TITLE OF INVENTION: USES THEREFOR
FILE REFERENCE: GNN-026B
CURRENT APPLICATION NUMBER: US/09/895,837
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: 60/214,563
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TYPE: PRT
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Chernova, Tatyana
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                                                                                                                                                                                                                                                                                                                       Score 1356; DB Pred. No. 1e-94;
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                                               ; ORGANISM: Homo sapiens US-09-915-789A-23
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                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Chen, Lieping
APPLICANT: Chen, Lieping
TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
TITLE OF INVENTION: MOLECULES
FILE REFERENCE: 07039-219001
                                                                                                SEQ ID NO 23
LENGTH: 220
                                                                                                                                                                                                                                                                                                               Sequence 23, Application US/09915789A Patent No. US20020168762A1
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                                                                                                                             CURRENT APPLICATION NUMBER: US/09/915,789A CURRENT FILING DATE: 2002-06-04 PRIOR APPLICATION NUMBER: US 60/220,991 PRIOR FILING DATE: 2000-07-27 NUMBER OF SEQ ID NOS: 23 SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Vassiliki Boussiot
APPLICANT: Tatyana Chernova
APPLICANT: Nelly Malenkovich
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CURRENT FILING DATE: 2001-11-02
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                                                                                  TYPE: PRT
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Tatyana Chernova
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81.4%;
100.0%;
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Score 1104; DB 9;
Pred. No. 5.4e-76;
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: fusion construct
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                                                                                                                                                                                                                                                                                                            Query Match
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APPLICANT:
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APPLICANT: CHANG, HE
APPLICANT: FINGER,
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PRIOR FILING DATE: 2000-06-06
NUMBER OF SEQ ID NOS: 94
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CURRENT FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/272,107
PRIOR FILING DATE: 2001-02-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: PEACH, ROBERT
TITLE OF INVENTION: B7-RELATED NUCLEIC
TITLE OF INVENTION: IMMUNOMODULATION
FILE REFERENCE: 3053-4071US2
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ORGANISM: Artificial Sequence
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                 181 TERRLDPEENHTAELVIPELPLAHPPNERT 210
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                                                                                      EHELTCQAEGYPKAEVIWTSSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNEIFYC
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TERRLDPEENHTAELVIPELPLAHPPNERT
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                                                                  EHELTCQAEGYPKAEVIWTSSDHQVLSGKTTTINSKREEKLFNVTSTLRINTTINEIFYC
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FINGER, JOSHUA N.
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-775-2
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SEQ ID NO 2
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Matches
                                         Query Match
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Best Local Similarity
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ENGTH: 245
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APPLICANT: Clive Wood
APPLICANT: Gordon From
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TITLE OF INVENTION: PD-1, A Receptor For B7-4, and Uses Therefor
FILE REFERENCE: GNN-004B
CURRENT APPLICATION NUMBER: US/10/068,215
CURRENT FILING DATE: 2002-02-06
PRIOR APPLICATION NUMBER: 09/645,069
PRIOR APPLICATION NUMBER: 60/150,390
PRIOR FILING DATE: 2000-08-23
PRIOR FILING DATE: 1999-8-23
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                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/150,390
PRIOR FILING DATE: 1999-08-23
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 09/644,934 PRIOR FILING DATE: 2000-08-23
                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/002,775
CURRENT FILING DATE: 2001-11-02
                                                                                                                                                                                                                                                                                                           APPLICANT: Nelly Malenkovich
TITLE OF INVENTION: NOVEL B7-4 MOLECULES AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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int No. US20020102651A1
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Local Similarity hes 198; Conserv
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Tatyana Chernova
     75.9%; Score 1029; DB 12; ilarity 100.0%; Pred. No. 2.5e-70; Conservative 0; Mismatches 0;
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Pred. No. 2.5e-70;
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APPLICANT: GOTGON Freeman
APPLICANT: GOTGON Freeman
TITLE OF INVENTION: PD-1, A Receptor For B7-4, and
FILE REFERENCE: GNN-004B
CURRENT APPLICATION NUMBER: US/10/068,215
CURRENT FILING DATE: 2002-02-06
PRIOR APPLICATION NUMBER: 09/645,069
PRIOR FILING DATE: 2000-08-23
PRIOR FILING DATE: 1099-8-23
PRIOR APPLICATION NUMBER: 60/150,390
PRIOR APPLICATION NUMBER: 60/150,390
PRIOR APPLICATION NUMBER: 00/164,897
PRIOR FILING DATE: 1999-8-23
PRIOR FILING DATE: 1999-11-10
NUMBER OF SEQ ID NOS: 23
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SEQ ID NO 23
LENGTH: 290
TYPE: PRT
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Search completed: January 12, 2003, 10:19:07 Job time: 11.5287 secs

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Result
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3: /cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
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 GenCore version 5.1.3 (c) 1993 - 2003 Compugen Ltd
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10 US-10-002-775-4

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US-09-915-789A-17
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US-10-068-215-4
US-09-896-738-12
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US-09-910-174A-32
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                                    Sequence 23, Appl
Sequence 4, Appli
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Sequence 17, Appl
Sequence 17, Appl
Sequence 27, Appl
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Sequence 28, Appli
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Sequence 19, Appli
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Sequence 12, Appli
Sequence 27, Appli
Sequence 28, Appli
Sequence 29, Appli
Sequence 21, Appli
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Sequence
Sequence
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Sequence 16,
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	89A-23 23. Application US/09915789A	-23 Applicat	7	ULT 1 09-915-
	ALIGNMENTS			
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137	9 U		262.5	44
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Sequence 137, App	316 .9 US-09-999-832A-137	24.0	262.5	42
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APPLICANT: Chen, Lieping
TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
TITLE OF INVENTION: MOLECULES
FILE REFERENCE: 07039-219001
CURRENT APPLICATION NUMBER: US/09/915,789A
CURRENT FILING DATE: 2002-06-04
PRIOR APPLICATION NUMBER: US 60/220,991
PRIOR FILING DATE: 2000-07-27
NUMBER OF SEQ ID NOS: 23
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Best Local :
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TYPE: PRT
ORGANISM: Homo sapiens
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                                      Query Match
Best Local Similarity
Matches 210; Conserv
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SEQ ID NO 12
LENGTH: 290
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APPLICANT: Clive Wood
APPLICANT: Gordon Fre
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ORGANISM: Homo sapiens
-10-068-215-4
                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: B7-Like Molecules and Uses Thereof FILE REFERENCE: 00-513-A CURRENT APPLICATION NUMBER: US/09/896,738 CURRENT FILING DATE: 2001.06-29
                                                                                                                                                                                                                                                      CURRENT FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 60/215,645
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 23
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PRIOR FILING DATE: 1999-11-10
NUMBER OF SEQ ID NOS: 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Fox, Michael
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ience 12, Application US/09896738
cent No. US20020165347A1
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CURRENT FILING DATE: 2002-02-06
                                                                                                                                                                         TYPE: PRT
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.ENGTH: 290
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1 VEYGSNMTIECKFPVEKQLDLAALIVYWEMEDKNIIQFVHGEEDLKVQHSSYRQRARLLK 60
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                                          Conservative
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Pred. No. 3e-73;
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LENGTH: 290
TYPE: PRT
GENERAL INFORMATION:
APPLICANT: Chen, Lieping
TITLE OF INVENTION: B7-H3 AND B7-H4, NOVEL IMMUNOREGULATORY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 1096; DB 9; Best Local Similarity 100.0%; Pred. No. 3e-73; O: Mismatches 0;
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                                                                     Sequence 17, Application US/09915789A Patent No. US20020168762A1
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SOFTWARE: FastSEQ for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: PD-L2 MOLECULES: NOVEL PD-1 LIGANDS AND TITLE OF INVENTION: USES THEREFOR FILE REFERENCE: GNN-026A
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Chernova, Tatyana
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PRIOR FILING DATE: 1998-12-30
PRIOR APPLICATION NUMBER: 09/22
PRIOR FILING DATE: 1998-12-30
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PRIOR FILING DATE: 1998-12-30
PRIOR APPLICATION NUMBER: 09/31
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CURRENT APPLICATION NUMBER: US/09/796,858
CURRENT FILING DATE: 2001-03-01
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                                                           FILING DATE: 1999-12-29
APPLICATION NUMBER: 09/474,072
FILING DATE: 1999-12-29
APPLICATION NUMBER: 09/572,002
FILING DATE: 2000-05-14
                                                                                                                                                                                                                                APPLICATION NUMBER: 09/336,536
FILING DATE: 1999-06-18
APPLICATION NUMBER: 09/342,687
                                                                                                                                                                                                   FILING DATE: 1999-06-29
APPLICATION NUMBER: 09/399,723
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FILING DATE: 1999-12-23
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BER: 09/223,094
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Pred. No. 3
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PRIOR FILING DATE: 2000-06-29
PRIOR APPLICATION NUMBER: 09/36:
PRIOR FILING DATE: 1999-07-30
PRIOR APPLICATION NUMBER: 09/66:
PRIOR FILING DATE: 2000-07-31
PRIOR FILING DATE: 2000-09-20
PRIOR FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 50
SEQ ID NO 42
LENGTH: 290
TYPE: PRT
ORGANISM: Homo sapiens
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SEQ ID NO 2
LENGTH: 290
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                                                                                                                              Query Match
                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/875,338 CURRENT FILING DATE: 2001-06-06 PRIOR APPLICATION NUMBER: 60/272,107 PRIOR FILING DATE: 2001-02-28 PRIOR APPLICATION NUMBER: 60/209,811 PRIOR FILING DATE: 2000-06-06
                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: PEACH, ROBERT
TITLE OF INVENTION: B7-RELATED NUCLEIC
TITLE OF INVENTION: IMMUNOMODULATION
FILE REFERENCE: 3053-4071052
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: MIKESELL, GLEN E. APPLICANT: CHANG, HAN
                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-06-06 NUMBER OF SEQ ID NOS: 94
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61 DQLSLGNAALQITDVKLQDAGVYRCMISYGGADYKRITVKVNAPYNKINQRILVVDPVTS 120
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APPLICANT: Fraser, Christopher C.

PLICANT: Manning, Stephen

PLICANT: Manning, Stephen

LE OF INVENTION: B7-H2 Molecules, No. US20020106730A1e1 Members of the control of 
                           APPLICANT: FOX, MICHAEL
APPLICANT: SULLIVAN, John K.
APPLICANT: SULLIVAN, John K.
APPLICANT: WISHINAGA, Steven Klyoshi
TITLE OF INVENTION: B7-Like Polypeptides and Us
FILE REFERENCE: 00,759-A
CURRENT APPLICATION NUMBER: US/09/955,866
CURRENT FILING DATE: 2001-09-19
PRIOR APPLICATION NUMBER: 60/233,867
PRIOR FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 30
                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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Pred. No. 3e-73;
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APPLICANT: Sharpe, Arlene H.
TITLE OF INVENTION: DD-12 MOLEGULES: NOVEL PD
TITLE OF INVENTION: USES THEREFOR
FILE REFERENCE: GNN -026B
CURRENT APPLICATION NUMBER: US/09/895,837
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: 60/214,563
PRIOR APPLICATION NUMBER: 60/270,822
PRIOR APPLICATION NUMBER: 60/270,822
PRIOR FILING DATE: 2001-02-23
PRIOR FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/271,114
PRIOR FILING DATE: 2001-02-3
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APPLICANT: Chernova, Tirene
APPLICANT: Chernova, Tatyat
APPLICANT: Malenkovich, Nel
APPLICANT: Wood, Clive
APPLICANT: Latchman, Yvette
APPLICANT: Sharpe, Arlene I
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LENGTH: 290
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Chernova, Tatyana
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RESULT 12
US-09-875-338-5
Sequence 5, Application US/09875338
Patent No. US20020095024A1
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-775-4
APPLICANT: ZHOU, XIA-DI
APPLICANT: PEACH, ROBERT
TITLE OF INVENTION: BT-RELATED NUCLEIC ACIDS AND
TITLE OF INVENTION: IMMUNOMODULATION
FILE REFERENCE: 3053-4071US2
CURRENT APPLICATION NUMBER: US/09/875,338
CURRENT FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/272,107
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 60/209,811
PRIOR FILING DATE: 2000-06-06
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                                                                                                                                                                                                                                         APPLICANT: MIKESELL,
APPLICANT: CHANG, H
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PRIOR APPLICATION NUMBER: 60/150,390
PRIOR FILING DATE: 1999-08-23
NUMBER OF SEQ ID NOS: 11
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CURRENT FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: US 09/644,934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Nelly Malenkovich
TITLE OF INVENTION: NOVEL B7-4 MOLECULES AND USES THEREFOR
FILE REFERENCE: GNN-004ADV
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APPLICANT: Vassiliki Bou
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                                                                                                                                                                                                                             CHANG, HAN
FINGER, JOS
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                                                                                                                                                                                              LU, PIN
                                                                                                                                                                                                              YANG,
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Pred. No. 36
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PRIOR APPLICATION NUMBER: 60/164,897
PRIOR FILING DATE: 1999-11-10
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 245
TYPE: PRT
ORGANISM: Homo sapiens
US-10-068-215-2
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Best Local Similarity
                                                                                                                                                                                                           Matches 198;
                                                                                                                                                                                                                           Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/068,215
CURRENT FILING DATE: 2002-02-06
PRIOR APPLICATION NUMBER: 09/645,069
PRIOR FILING DATE: 2000-08-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: GORDON Freeman
TITLE OF INVENTION: PD-1, A Receptor For B7-4,
FILE REFERENCE: GNN-004B
                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/150,390 PRIOR FILING DATE: 1999-8-23
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ORGANISM: Artificial Sequence
FEATURE:
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                121 EHELTCQAEGYPKAEVIWTSSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNEIFYC 180
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                                                                                                                                                                         1 VEYGSNMTIECKFPVEKQLDLAALIVYWEMEDKNIIQFVHGEEDLKVQHSSYRQRARLLK 60
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                                                                                    DQLSLGNAALQITDVKLQDAGVYRCMISYGGADYKRITVKVNAPYNKINQRILVVDPVTS 120
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EHELTCQAEGYPKAEVIWTSSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNEIFYC
                                                                  DQLSLGNAALQITDVKLQDAGVYRCMISYGGADYKRITVKVNAPYNKINQRILVVDPVTS
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Conservative
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                                                                                                                                                                                                                         93.9%; Score 1029; DB 9; 100.0%; Pred. No. 1.9e-68;
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GENERAL INFORMATION:

APPLICANT: Clive Wood

APPLICANT: Gordon Freeman

TITLE OF INVENTION: PD-1, A Receptor For B7-4, and Uses Therefor

FILE REFERENCE: GNN-004B

CURRENT APPLICATION NUMBER: US/10/068,215

CURRENT FILING DATE: 2002-02-06

PRIOR APPLICATION NUMBER: 09/645,069

PRIOR APPLICATION NUMBER: 60/150,390

PRIOR APPLICATION NUMBER: 60/150,390

PRIOR APPLICATION NUMBER: 60/150,390

PRIOR APPLICATION NUMBER: 60/150,390

PRIOR FILING DATE: 1999-8-23

PRIOR APPLICATION NUMBER: 60/150,390

PRIOR FILING DATE: 1999-11-10
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US-10-068-215-23
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: TYPE: PRT
: ORGANISM: Homo sapiens
US-10-002-775-2
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CURRENT APPLICATION NUMBER: US/10/002,775
CURRENT FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: US 09/644,934
'IOR FILING DATE: 2000-08-23
IOR APPLICATION NUMBER: 60/150,390
RIOR FILING DATE: 1999-08-23
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PATENTIN' Ver. 2.0
SEQ ID NO 2.5
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 23
LENGTH: 290
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APPLICANT: Vassiliki Boussiotis
APPLICANT: Tatyana Chernova
APPLICANT: Nelly Malenkovich
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US-10-068-215-23
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Best Local Similarity 72.9%; Pred. No. 8.4e-53;
Matches 153; Conservative 23; Mismatches 33
                                                  209
                                                                                                       30 VEYGSNYTMECREPVERELDLLALVYYMEKEDEQVIQFVAGEEDLKPQHSNFRGRASLPK 89
                                                                                                                                                                                       1 VEYGSNMTIECKFPVEKQLDLAALIVYWEMEDKNIIQFVHGEEDLKVQHSSYRQRARLLK 60
              TFRRLDPEENHTAELVIPELPLAHPPNERT 210
TFWRSQPGQNHTAELIIPELPATHPPQNRT 238
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Search completed: January 12, Job time: 9.47134 secs

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